Cell Differentiation and Development, 32 (1990) 182–183
Elsevier Scientific Publishers Ireland, Ltd.

Author Index Volume 32

Anastassiades, T., see Chopra, R.K. (32) 47
Audine, M., see Rashedi, M. (32) 167

Babić, M.S.
Relationship between notochord and the bursa pharyngea in early human development (32) 125
Baker, J.R., see Mark, M.P. (32) 1
Bartholomeusz, R.K., Campbell, I.L. and Harrison, L.C.
A2B5-reactive ganglioside expression determines the differentiation stage and capacity of rat insulinoma (RIN) sublines (32) 39
Born, J., see Plessow, S. (32) 27
Boudannaoui, S., see Pituello, F. (32) 71

Campbell, I.L., see Bartholomeusz, R.K. (32) 39
Castet, M.-C., see Rashedi, M. (32) 167
Chaloin-Dufau, C., Sun, T.-T. and Dhouailly, D.
Appearance of the keratin pair K3/K12 during embryonic and adult corneal epithelial differentiation in the chick and in the rabbit (32) 97
Chopra, R.K., Li, Z.-M., Vickery, S. and Anastassiades, T.
Newly synthesized proteoglycans secreted by sequentially derived populations of cells from new-born rat calvaria: Effects of transforming growth factor-β and matrigenin activity (32) 47
Chowdhury, A., see Singh, R.K. (32) 131

Davids, M., see Plessow, S. (32) 27
Dhouailly, D., see Chaloin-Dufau, C. (32) 97
Duprat, A.M., see Pituello, F. (32) 71

Elgendy, H. and Hausman, R.E.
Prostaglandin-dependent phosphatidylinositol signaling during embryonic chick myogenesis (32) 109

Foulquier, F., see Pituello, F. (32) 71

Grunz, H. and Tacke, L.
Extracellular matrix components prevent neural differentiation of disaggregated *Xenopus* ectoderm cells (32) 117

Hall, B.K., see Seufert, D.W. (32) 153
Harrison, L.C., see Bartholomeusz, R.K. (32) 39
Hashimoto, Y., see Tamura, K. (32) 17
Hausman, R.E., see Elgendy, H. (32) 109
Hilfer, S.R., see Smith, C.I. (32) 83
Hirabayashi, T., see Nakamura, M. (32) 61
Hoppe, P., see Plessow, S. (32) 27

Ide, H., see Tamura, K. (32) 17

Kagechika, H., see Tamura, K. (32) 17
Karcher-Djuricic, V., see Mark, M.P. (32) 1

Li, Z.-M., see Chopra, R.K. (32) 47
Linder, E. and Thors, C.
Expression of low molecular mass cytokeratins in oocytes of *Schistosoma mansoni* (32) 141
Loppnow-Blinde, B., see Plessow, S. (32) 27

Maraud, R., see Rashedi, M. (32) 167
Mark, M.P., Karcher-Djuricic, V., Baker, J.R. and Ruch, J.-V.
Effects of β-D-xyloside on morphogenesis and cytodifferentiation in cultured embryonic mouse molars (32) 1

Nakamura, M., Yao, Y. and Hirabayashi, T.
Coordinate and discoordinate accumulation of protein constituents in chicken breast muscle (32) 61
Nathanson, M.A., see Smith, C.I. (32) 83

Ohsugi, K., see Tamura, K. (32) 17

Piet, M., see Rashedi, M. (32) 167
Pituello, F., Boudannaoui, S., Foulquier, F. and Duprat, A.M.
Are neuronal precursor cells committed to coexpress different neuroactive substances in early amphibian neurulae? (32) 71
Plessow, S., Davids, M., Born, J., Hoppe, P., Loppnow-Blinde, B., Tiedemann, H. and Tiedemann, H.
Isolation of a vegetalizing inducing factor after extraction with acid ethanol. Concentration-dependent inducing capacity of the factor (32) 27

Rashedi, M., Maraud, R., Piet, M., Castet, M.-C. and Audine, M.
Influence of heterospecific testis graft on the gonadal sex differentiation of female bird embryos (32) 167
Ruch, J.-V., see Mark, M.P. (32) 1

Sani, B.P., see Singh, R.K. (32) 131
Searls, R.L., see Smith, C.I. (32) 83
Seufert, D.W. and Hall, B.K.
Tissue interactions involving cranial neural crest in cartilage formation in *Xenopus laevis* (Daudin) (32) 153
Shudo, K., see Tamura, K. (32) 17
Singh, R.K., Chowdhury, A. and Sani, B.P.
Detection of cellular retinoic acid-binding protein in chick embryonic tissues by monoclonal antibodies (32) 131

0922-3371/90/$03.50 © 1990 Elsevier Scientific Publishers Ireland, Ltd.

Smith, C.I., Webster, E.H., Nathanson, M.A., Searls, R.L. and Hilfer, S.R.
Altered patterns of proteoglycan deposition during maturation of the fetal mouse lung (32) 83
Sun, T.-T., see Chaloin-Dufau, C. (32) 97

Tacke, L., see Grunz, H. (32) 117
Tamura, K., Kagechika, H., Hashimoto, Y., Shudo, K., Ohsugi, K. and Ide, H.
Synthetic retinoids, retinobenzoic acids, Am80, Am580 and Ch55 regulate morphogenesis in chick limb bud (32) 17
Thors, C., see Linder, E. (32) 141
Tiedemann, H., see Plessow, S. (32) 27
Tiedemann, H., see Plessow, S. (32) 27

Vickery, S., see Chopra, R.K. (32) 47

Webster, E.H., see Smith, C.I. (32) 83

Yao, Y., see Nakamura, M. (32) 61

Cell Differentiation and Development, 32 (1990) 184–186
Elsevier Scientific Publishers Ireland, Ltd.

Subject Index Volume 32

A2B5-reactive ganglioside
Ganglioside expression, A2B5-reactive; Differentiation; Insulinoma subline; Rat (Bartholomeusz, R.K. (32) 39)

Accumulation
Contractile protein; Glycolytic enzyme; Coordination; Muscle development (Nakamura, M. (32) 61)

Ameloblast
Proteoglycan; Chondroitin sulfate; β-D-Xyloside; Tooth morphogenesis; Odontoblast (Mark, M.P. (32) 1)

Amphibian
Neurogenesis; Neurotransmitter; Neuropeptide; Neural induction (Pituello, F. (32) 71)

Anti-Müllerian hormone
Bird embryo; Testis; Differentiation; Sex reversal (Rashedi, M. (32) 167)

Basal lamina
Notochord; Endoderm; Cell contact; Human embryo; Bursa pharyngea (Babić, M.S. (32) 125)

Bird embryo
Testis; Differentiation; Anti-Müllerian hormone; Sex reversal (Rashedi, M. (32) 167)

Bursa pharyngea
Notochord; Endoderm; Cell contact; Human embryo; Basal lamina (Babić, M.S. (32) 125)

Calvaria
Proteoglycan; Transforming growth factor β; Sequential cell population; Matrigenin; Synthesis; Rat (Chopra, R.K. (32) 47)

Cell adhesion
Myoblast fusion; Signal transduction; Receptor-mediated signaling (Elgendy, H. (32) 109)

Cell contact
Notochord; Endoderm; Human embryo; Bursa pharyngea; Basal lamina (Babić, M.S. (32) 125)

Cell interaction, lung
Chondroitin sulfate proteoglycan; Fetal lung maturation; β-Xyloside (Smith, C.I. (32) 83)

Chick
Keratin; Cornea; Epithelium; Development; Rabbit (Chaloin-Dufau, C. (32) 97)

Chicken
Synthetic retinoids; Retinobenzoic acid; Morphogenesis (Tamura, K. (32) 17)

Chondrogenesis
Cranial neural crest; Stomodeal endoderm; Tissue interaction; Chondrogenic potential; *Xenopus laevis* (Seufert, D.W. (32) 153)

Chondrogenic potential
Cranial neural crest; Stomodeal endoderm; Tissue interaction; Chondrogenesis; *Xenopus laevis* (Seufert, D.W. (32) 153)

Chondroitin sulfate
Proteoglycan; β-D-Xyloside; Tooth morphogenesis; Odontoblast; Ameloblast (Mark, M.P. (32) 1)

Chondroitin sulfate proteoglycan
Fetal lung maturation; β-Xyloside; Cell interaction, lung (Smith, C.I. (32) 83)

Contractile protein
Glycolytic enzyme; Accumulation; Coordination; Muscle development (Nakamura, M. (32) 61)

Coordination
Contractile protein; Glycolytic enzyme; Accumulation; Muscle development (Nakamura, M. (32) 61)

Cornea
Keratin; Epithelium; Development; Rabbit; Chick (Chaloin-Dufau, C. (32) 97)

Cranial neural crest
Stomodeal endoderm; Tissue interaction; Chondrogenic potential; Chondrogenesis; *Xenopus laevis* (Seufert, D.W. (32) 153)

Cytokeratins
Oocytes; *Schistosoma mansoni* (Linder, E. (32) 141)

Development
Keratin; Cornea; Epithelium; Rabbit; Chick (Chaloin-Dufau, C. (32) 97)

0922-3371/90/$03.50 © 1990 Elsevier Scientific Publishers Ireland, Ltd.

Differentiation
Ganglioside expression, A2B5-reactive; A2B5-reactive ganglioside; Insulinoma subline; Rat (Bartholomeusz, R.K. (32) 39)

Bird embryo; Testis; Anti-Müllerian hormone; Sex reversal (Rashedi, M. (32) 167)

Endoderm
Notochord; Cell contact; Human embryo; Bursa pharyngea; Basal lamina (Babić, M.S. (32) 125)

Epithelium
Keratin; Cornea; Development; Rabbit; Chick (Chaloin-Dufau, C. (32) 97)

Extracellular matrix
Glycocalyx; Inhibition of neural differentiation; *Xenopus laevis*; Neural induction (Grunz, H. (32) 117)

Fetal lung maturation
Chondroitin sulfate proteoglycan; β-Xyloside; Cell interaction, lung (Smith, C.I. (32) 83)

Ganglioside expression, A2B5-reactive
A2B5-reactive ganglioside; Differentiation; Insulinoma subline; Rat (Bartholomeusz, R.K. (32) 39)

Glycocalyx
Extracellular matrix; Inhibition of neural differentiation; *Xenopus laevis*; Neural induction (Grunz, H. (32) 117)

Glycolytic enzyme
Contractile protein; Accumulation; Coordination; Muscle development (Nakamura, M. (32) 61)

Human embryo
Notochord; Endoderm; Cell contact; Bursa pharyngea; Basal lamina (Babić, M.S. (32) 125)

Inducing capacity
Vegetalizing inducing factor; Purification from chicken embryo (Plessow, S. (32) 27)

Inhibition of neural differentiation
Extracellular matrix; Glycocalyx; *Xenopus laevis*; Neural induction (Grunz, H. (32) 117)

Insulinoma subline
Ganglioside expression, A2B5-reactive; A2B5-reactive ganglioside; Differentiation; Rat (Bartholomeusz, R.K. (32) 39)

Keratin
Cornea; Epithelium; Development; Rabbit; Chick (Chaloin-Dufau, C. (32) 97)

Matrigenin
Proteoglycan; Transforming growth factor β; Calvaria; Sequential cell population; Synthesis; Rat (Chopra, R.K. (32) 47)

Morphogenesis
Synthetic retinoids; Retinobenzoic acid; Chicken (Tamura, K. (32) 17)

Muscle development
Contractile protein; Glycolytic enzyme; Accumulation; Coordination (Nakamura, M. (32) 61)

Myoblast fusion
Cell adhesion; Signal transduction; Receptor-mediated signaling (Elgendy, H. (32) 109)

Neural induction
Neurogenesis; Neurotransmitter; Neuropeptide; Amphibian (Pituello, F. (32) 71)

Extracellular matrix; Glycocalyx; Inhibition of neural differentiation; *Xenopus laevis* (Grunz, H. (32) 117)

Neurogenesis
Neurotransmitter; Neuropeptide; Neural induction; Amphibian (Pituello, F. (32) 71)

Neuropeptide
Neurogenesis; Neurotransmitter; Neural induction; Amphibian (Pituello, F. (32) 71)

Neurotransmitter
Neurogenesis; Neuropeptide; Neural induction; Amphibian (Pituello, F. (32) 71)

Notochord
Endoderm; Cell contact; Human embryo; Bursa pharyngea; Basal lamina (Babić, M.S. (32) 125)

Odontoblast
Proteoglycan; Chondroitin sulfate; β-D-Xyloside; Tooth morphogenesis; Ameloblast (Mark, M.P. (32) 1)

Oocytes
Cytokeratins; *Schistosoma mansoni* (Linder, E. (32) 141)

Proteoglycan
Chondroitin sulfate; β-D-Xyloside; Tooth morphogenesis; Odontoblast; Ameloblast (Mark, M.P. (32) 1)

Transforming growth factor β; Calvaria; Sequential cell population; Matrigenin; Synthesis; Rat (Chopra, R.K. (32) 47)

Purification from chicken embryo
Vegetalizing inducing factor; Inducing capacity (Plessow, S. (32) 27)

Rabbit
Keratin; Cornea; Epithelium; Development; Chick (Chaloin-Dufau, C. (32) 97)

Rat
Ganglioside expression, A2B5-reactive; A2B5-reactive ganglioside; Differentiation; Insulinoma subline (Bartholomeusz, R.K. (32) 39)

Proteoglycan; Transforming growth factor β; Calvaria; Sequential cell population; Matrigenin; Synthesis (Chopra, R.K. (32) 47)

Receptor-mediated signaling
Cell adhesion; Myoblast fusion; Signal transduction (Elgendy, H. (32) 109)

Retinobenzoic acid
Synthetic retinoids; Morphogenesis; Chicken (Tamura, K. (32) 17)

Schistosoma mansoni
Cytokeratins; Oocytes (Linder, E. (32) 141)

Sequential cell population
Proteoglycan; Transforming growth factor β; Calvaria; Matrigenin; Synthesis; Rat (Chopra, R.K. (32) 47)

Sex reversal
Bird embryo; Testis; Differentiation; Anti-Müllerian hormone (Rashedi, M. (32) 167)

Signal transduction
Cell adhesion; Myoblast fusion; Receptor-mediated signaling (Elgendy, H. (32) 109)

Stomodeal endoderm
Cranial neural crest; Tissue interaction; Chondrogenic potential; Chondrogenesis; *Xenopus laevis* (Seufert, D.W. (32) 153)

Synthesis
Proteoglycan; Transforming growth factor β; Calvaria; Sequential cell population; Matrigenin; Rat (Chopra, R.K. (32) 47)

Synthetic retinoids
Retinobenzoic acid; Morphogenesis; Chicken (Tamura, K. (32) 17)

Testis
Bird embryo; Differentiation; Anti-Müllerian hormone; Sex reversal (Rashedi, M. (32) 167)

Tissue interaction
Cranial neural crest; Stomodeal endoderm; Chondrogenic potential; Chondrogenesis; *Xenopus laevis* (Seufert, D.W. (32) 153)

Tooth morphogenesis
Proteoglycan; Chondroitin sulfate; β-D-Xyloside; Odontoblast; Ameloblast (Mark, M.P. (32) 1)

Transforming growth factor β
Proteoglycan; Calvaria; Sequential cell population; Matrigenin; Synthesis; Rat (Chopra, R.K. (32) 47)

Vegetalizing inducing factor
Purification from chicken embryo; Inducing capacity (Plessow, S. (32) 27)

Xenopus laevis
Extracellular matrix; Glycocalyx; Inhibition of neural differentiation; Neural induction (Grunz, H. (32) 117)

Cranial neural crest; Stomodeal endoderm; Tissue interaction; Chondrogenic potential; Chondrogenesis (Seufert, D.W. (32) 153)

β-Xyloside
Chondroitin sulfate proteoglycan; Fetal lung maturation; Cell interaction, lung (Smith, C.I. (32) 83)

β-D-Xyloside
Proteoglycan; Chondroitin sulfate; Tooth morphogenesis; Odontoblast; Ameloblast (Mark, M.P. (32) 1)